

**Position Title**

COMPUTER SCIENTIST

**Organization**RA40 / OFFICE OF CHIEF INFORMATION  
OFFICER**NASA Announcement Number**

SS13B0011

**Vacancy Type**

Case File

**OPM Control Number / Status**

337477700 / Posted

**Salary Range**

\$81,823 - \$106,369

<http://www.usajobs.gov/GetJob/ViewDetails/337477700>**Open Dates**

02/08/2013 - 02/22/2013

**Pay Plan - Series / Grade (Low, Potential)**

GS - 1550 / 13, 13

**Position Information**

Full-Time / Permanent

**Duty Location**

282447045 - Stennis Space Center, MS (1)

**Who May Be Considered**

This announcement is open to all qualified U.S citizens.

**Citizenship Required**

True

This announcement combines a merit promotion and a competitive announcement in one advertisement. Applications will be accepted from status and non-status candidates.

Status candidates, including NASA term employees eligible for conversion under the NASA Flexibility Act of 2004, will be considered under merit promotion procedures. Non-status candidates will be considered under competitive procedures.

**Job Summary**

Every employee plays an important role in NASA's mission of pioneering the future in space exploration, scientific discovery and aeronautics research. The Agency seeks high-caliber professionals who share the same values of integrity, fairness, accountability, resourcefulness, teamwork, and commitment to excellence. As a Computer Scientist, you will be responsible for planning, development, and operations of Information Technology (IT) systems and services provided by the Office of the Chief Information Officer (OCIO); required to manage projects intended to upgrade existing services or to provide new services to customers and serve as a key decision maker for design and implementation of these projects.

You can find geographic information on Stennis and the surrounding area at <http://sscinfo.ssc.nasa.gov/qualityoflife>

**Comments**

As identical vacancies are identified, additional selections will be made.

**Marketing Summary**

NASA, the world's leader in space and aeronautics is always seeking outstanding scientists, engineers, and other talented professionals to carry forward the great discovery process that its mission demands.

Creativity. Ambition. Teamwork. A sense of daring. And a probing mind. That's what it takes to join NASA, one of the best places to work in the Federal Government.

**Key Requirements**

1. Position subject to pre-employment background investigation
2. This is a drug-testing designated position
3. Position subject to a pre-employment drug test
4. Selectee must complete a financial disclosure statement
5. Successful completion of a security investigation will be required

**Total number of openings**

1

## **Major Duties**

Manages operations and upgrades/enhancements to video production and cable television services including acquisition, production, distribution, and archival of video products to support Stennis Space Center (SSC) customers, and NASA Television. Supports NASA's digital television transition to ensure adoption and compliance with the Advanced Television Systems Committee (ATSC) digital television standards.

Manages operations, maintenance, and upgrade projects associated with SSC conference room audio visual systems. Provides technical guidance to ensure compatibility with existing equipment and utilization of current industry protocols.

Provides technical oversight of contractor support responsible for project implementation and delivery of Information Technology (IT) services. Completes required contractor surveillance and reporting of performance metrics.

Recommends innovative solutions to resolve IT issues or to provide new capabilities for the Office of the Chief Information Officer (OCIO) and its customers. This assignment requires knowledge in various IT technologies such as software development, computing hardware, wired and wireless networks, mobile devices, streaming video, and cloud computing.

Applies technical expertise to make recommendations to support strategic decisions on direction of IT services and systems. Maintains knowledge on current and future trends in IT technology and how they may improve or impact SSC systems and infrastructure.

Develops or manages the development of IT systems throughout project life cycle from inception to planning, design, implementation/deployment, operations, and closure. Development efforts may include hardware and/or software. Conducts all required design reviews and oversee all aspects of project including scheduling of tasks and management of resources.

Represents the SSC OCIO on various Agency/Center working groups and teams.

## **General Qualifications**

Applicant must have one year of specialized experience equivalent to the next lower grade, which has equipped the applicant with the particular competencies needed to successfully perform the duties of the position described above.

Specialized experience is defined as having general knowledge and experience in multiple areas of IT technologies including software development, computing hardware, wired and wireless networks, mobile devices, streaming video, cloud computing, video production, and audio visual systems.

## **Educational Qualifications**

Basic Education Requirement: A bachelor's degree from an accredited college or university with major study in Aeronautical Engineering, Aeronautics, Aerospace Engineering, Astronautical Engineering, Astronautics, Astronomy, Astrophysics, Biomedical Engineering, Ceramic Engineering, Ceramics, Chemical Engineering, Chemistry, Civil Engineering, Computer Engineering, Computer Science\*, Earth and Planetary Science, Electrical Engineering, Electronics Engineering, Geology, Geophysics, Industrial Engineering, Materials Engineering, Materials Science, Mathematics (Pure or Applied), Applied Mechanics, Engineering Mechanics, Mechanical Engineering, Metallurgical Engineering, Metallurgy, Meteorology, Nuclear Engineering, Nuclear Engineering Physics, Oceanography, Optical Engineering, Physics, Applied Physics, Engineering Physics, Space Science, Structural Engineering, Welding Engineering or other appropriate physical science or engineering field. Degrees in engineering technology are not considered to be qualifying for this position. \*Note: Curriculum must include 30 semester hours of course work in a combination of mathematics, statistics and computer science. Of the 30 semester hours, 15 must be in any combination of statistics and mathematics which includes differential and integral calculus.

## **Requirements**

U.S. Citizenship is required.

## How You Will Be Evaluated

Announcement will be used for both internal and external applicants.

Internal (Status) candidates will be evaluated as follows:

Resumes will be rated by an automated system (Resumix) that matches the competencies extracted from your resume to the competencies identified by the selecting official for the position. Based on the competencies you match, you are placed in one of three categories identified as 90, 80, or 70 pt. quality categories, which are defined as:

90 pt. Category - Tentative meets (until subsequent confirmation upon referral) the basic qualification requirements identified in the vacancy announcement and has experience in the same or similar job that has demonstrated superior proficiency in the primary requirements of the position.

80 pt. Category - Tentatively meets (until subsequent confirmation upon referral) the basic qualification requirements identified in the vacancy announcement and demonstrates satisfactory proficiency in the primary requirements of the position.

70 pt. Category - Fails to meet criteria described in the 80 pt. category.

Additional application guidance is available in NASA's *Applicant Guide*.  
([http://resume.nasa.gov/applicant\\_guide.html](http://resume.nasa.gov/applicant_guide.html)).

For the purpose of the Career Transition Assistance Program (CTAP) and the Interagency Career Transition Assistance Program (ICTAP), candidates rated in the top quality category are considered well-qualified.

External (Non-Status) candidates will be evaluated as follows:

Same process as Internal (Status) candidates, with the additional procedures related to Veterans:

The Category Rating Process protects the rights of veterans by placing them ahead of non-preference eligibles within each category. Preference eligibles who meet qualification requirements and have a compensable service-connected disability of at least 10 percent must be listed at the top of the highest quality category, except when the position being filled is scientific or professional at the GS-09 grade level or higher.

## Benefits

NASA offers excellent benefit programs and competitive salaries. To learn more about pay and benefits at NASA, click *HERE* (<http://nasajobs.nasa.gov/benefits/benefits.htm> target=\_blank).

## Other Information

Any applicant tentatively selected for this position may be required to undergo a pre-employment background investigation.

Individuals who have special priority selection rights under the Agency Career Transition Assistance Program (CTAP) or the Interagency Career Transition Assistance Program (ICTAP) must be well qualified for the position to receive consideration for special priority selection. See "How You Will Be Evaluated" for definition of well qualified.

Federal employees seeking CTAP/ICTAP consideration must indicate their eligibility when applying for a position. The USAJOBS resume asks you to identify your ICTAP eligibility; the NASA Supplemental Information asks you to identify your CTAP eligibility. If you are selected for the position, you must be prepared to submit proof that you meet the requirements for CTAP/ICTAP. This includes a copy of the agency notice, a copy of their most recent Performance Rating and a copy of their most recent SF-50 noting current position, grade level, and duty location.

Your USAJOBS account asks you to assign a name to each of your resumes. When you apply to a NASA position, we will show you the text of the resume you have submitted, but we do not maintain the name you have assigned to that resume. If you wish to keep track of that information, we recommend you make note of it at the time you apply.

As a condition of employment, male applicants born after December 31, 1959, must certify that they have registered with the Selective Service System, or are exempt from having to do so under the Selective Service Law.

In order to receive preference in hiring, you must clearly identify your claim for veterans preference on your resume. NASA's *Applicant Guide* ([https://ifmpmsfc11.ifmp.nasa.gov/nasa/info/applicant\\_guide.html](https://ifmpmsfc11.ifmp.nasa.gov/nasa/info/applicant_guide.html)) provides the information needed to assist you in determining whether or not you can claim 5 or 10 point veterans preference. You should not submit documents to prove your eligibility for veterans preference at this time. However, you must be prepared to submit proof of veterans preference (DD-214, and, if claiming 10-point preference, SF-15 plus proof required by that form) as requested by the Human Resources Office. Veterans preference will only be considered based on what is supported. For instance, if you claim 10-point preference, but are only able to document 5-point preference, you will be considered accordingly. If you fail to provide the required documents within the stated time period, we may withdraw a job offer and/or remove you from further consideration.

Qualified NASA term employees who have *term conversion eligibility* (<http://nasapeople.nasa.gov/hclwp/term-appointments.htm>) under the NASA Flexibility Act of 2004 will be referred and considered equally with other NASA permanent employees under internal competitive placement procedures.

Current Federal employees must meet time in grade and three months after competitive appointment restrictions by the closing date of the announcement.

U.S. citizenship is required.

Any applicant tentatively selected for this position will be required to submit to screening for illegal drug use prior to appointment and will be subject to random drug tests while occupying the position.

Identification of promotion potential in this position does not constitute a commitment or an obligation on the part of management to promote the employee. Promotion will depend upon administrative approval and the continuing need for an actual assignment and performance of higher level duties.

Travel and relocation expenses are not authorized.

This is a drug-testing designated position.

## How to Apply

This vacancy is being filled through NASA STARS, an automated Staffing and Recruitment System. NASA partners with USAJOBS in providing a seamless application process. Before you begin the application process, please read the vacancy announcement carefully and have all required information available. You may begin the process of submitting your resume by clicking on the "Apply Online" link.

In order to be considered, you must submit a resume completed on the USAJOBS site. When completing your USAJOBS resume, please remember that NASA limits resumes to the equivalent of approximately SIX typed pages, or approximately 22,000 characters including spaces. You will NOT be allowed to complete the application process if your resume is too long or if your resume was uploaded to USAJobs from a second source. Additionally, NASA does not accept documents that you are allowed to attach through USAJobs.

Once you submit your resume to NASA, you will be asked to complete a short series of additional questions. You must finish the entire process in order to have a complete application package and receive consideration. Your answers will not be saved unless you finish the entire application.

You may edit a previously-submitted application, if the announcement is still open. For more information, see the *Applicant Guide*. ([https://ifmpmsfc11.ifmp.nasa.gov/nasa/info/applicant\\_guide.html](https://ifmpmsfc11.ifmp.nasa.gov/nasa/info/applicant_guide.html))

If you are unable to apply electronically for this position, submit your resume and supplemental questions to: National Aeronautics and Space Administration (NASA), Resume Operations Center, Mailstop: HS50, Marshall Space Flight Center, AL 35812. DO NOT submit your resume directly to the Center advertising this vacancy. Mailed resumes must be received by the close of business on the closing date of the announcement. Hard copy resumes requirements are provided at: *Hard Copy Resume Requirements* (<http://nasajobs.nasa.gov/howtoapply/hardcopyresumes.htm>).

If you are a first time applicant, we recommend that you review NASA's *Applicant Guide* ([https://ifmpmsfc11.ifmp.nasa.gov/nasa/info/applicant\\_guide.html](https://ifmpmsfc11.ifmp.nasa.gov/nasa/info/applicant_guide.html)) to ensure that you are providing a complete resume. Failure to submit the supplemental data and a resume that contains all of the required information may result in loss of consideration for positions in which you are interested.

All applications must be received no later than midnight Eastern Time on the closing date of the announcement.



## Required Documents

NASA's application process has been specifically developed to ensure that we only ask you for the information we absolutely need to evaluate your qualifications and eligibility. In order to apply for this position, you only need to submit your resume and answer the screening questions and supplemental information. No additional documentation is accepted at the time of application. (For example you need not submit narrative "KSA" statements; they are not required and will not be evaluated.) In this way we allow you to focus on preparing a resume that best describes your background and abilities. For assistance in preparing your resume, consult the *Applicant Guide* ([https://ifmpmsfc11.ifmp.nasa.gov/nasa/info/applicant\\_guide.html](https://ifmpmsfc11.ifmp.nasa.gov/nasa/info/applicant_guide.html)).

Nothing further is required until requested by the Human Resources Office. At that point, we may ask you to submit documentation to support statements made in your resume. For example, we may ask you to provide academic transcripts or proof of Federal employment status. If you are claiming veterans' preference, we may ask you to submit proof of veterans preference (DD-214, and, if claiming 10-point preference, SF-15 plus proof required by that form). If you fail to provide the required documents within the stated time period, we may withdraw a job offer and/or remove you from further consideration.

## Contact

Ashley Speed / / Ashley.H.Speed@nasa.gov

## What to Expect Next

Candidates for NASA positions are evaluated using our automated staffing and recruitment system, NASA STARS, which compares your skills and experience as described in your resume with the requirements of the position. If you are found to be a highly qualified candidate, you will be referred to the selecting official for further consideration. (In some cases, individuals with priority for special consideration must be considered and selected before other candidates.) Whether or not you are contacted for an interview depends upon the location of the position and the judgment of the selecting official.

At NASA, we pride ourselves on efficient and timely recruitment actions, and you can normally expect to learn the outcome of the selection process in a fairly short period of time. In addition, to ensure that you can measure progress for yourself, NASA provides you with regularly updated information on the status of the vacancy announcement.